Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

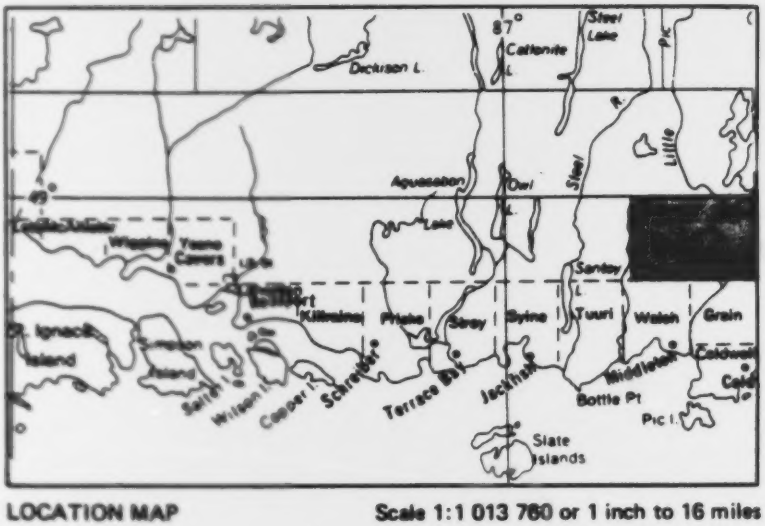
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 204

# FOXTRAP LAKE AREA

DISTRICT OF THUNDER BAY

Compiled by the Staff of
the Resident Geologist's Office
Thunder Bay




LOCATION MAP

Scale 1:1 013 760 or 1 inch to 16 miles

NTS Number 42 D/15 NE

Mining Claim Map Number M 1719 (G 592)

This project was funded equally by the government of Canada and Ontario under the Northern Ontario Rural Development Agreement (NORDA).

**STATEMENT:** This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1985: Foxtrap Lake Area, District of Thunder Bay; Ontario Geological Survey Geological Data Inventory Folio 204;compiled by the staff of the Resident Geologist's Office, Thunder Bay; 16 pages and 2 maps.

**Original Compilation by:** P. Perry

| Date | Page Revised | Revised by |
|---|---|---|
| | | |

| Date | Page Revised | Revised by |
|---|---|---|
| | | |

FOXTRAP LAKE AREA

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## ACCOMPANYING MAPS

Property Location Map - 1

Exploration Data Map - 1

Map Scale 1: 31 680 or 1 inch to ½ mile

# CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

**If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:**

| CONVERSION FROM SI TO IMPERIAL | | | CONVERSION FROM IMPERIAL TO SI | | |
|---|---|---|---|---|---|
| *SI Unit* | *Multiplied by* | *Gives* | *Imperial Unit* | *Multiplied by* | *Gives* |
| | | **LENGTH** | | | |
| 1 mm | 0.039 37 | inches | 1 inch | **25.4** | mm |
| 1 cm | 0.393 70 | inches | 1 inch | **2.54** | cm |
| 1 m | 3.280 84 | feet | 1 foot | **0.304 8** | m |
| 1 m | 0.049 709 7 | chains | 1 chain | 20.116 8 | m |
| 1 km | 0.621 371 | miles (statute) | 1 mile (statute) | 1.609 344 | km |
| | | **AREA** | | | |
| 1 cm² | 0.155 0 | square inches | 1 square inch | **6.451 6** | cm² |
| 1 m² | 10.763 9 | square feet | 1 square foot | 0.092 903 04 | m² |
| 1 km² | 0.386 10 | square miles | 1 square mile | 2.589 988 | km² |
| 1 ha | 2.471 054 | acres | 1 acre | 0.404 685 6 | ha |
| | | **VOLUME** | | | |
| 1 cm³ | 0.061 02 | cubic inches | 1 cubic inch | 16.387 064 | cm³ |
| 1 m³ | 35.314 7 | cubic feet | 1 cubic foot | 0.028 316 85 | m³ |
| 1 m³ | 1.308 0 | cubic yards | 1 cubic yard | 0.764 555 | m³ |
| | | **CAPACITY** | | | |
| 1 L | 1.759 755 | pints | 1 pint | 0.568 261 | L |
| 1 L | 0.879 877 | quarts | 1 quart | 1.136 522 | L |
| 1 L | 0.219 969 | gallons | 1 gallon | **4.546 090** | L |
| | | **MASS** | | | |
| 1 g | 0.035 273 96 | ounces (avdp) | 1 ounce (avdp) | 28.349 523 | g |
| 1 g | 0.032 150 75 | ounces (troy) | 1 ounce (troy) | 31.103 476 8 | g |
| 1 kg | 2.204 62 | pounds (avdp) | 1 pound (avdp) | 0.453 592 37 | kg |
| 1 kg | 0.001 102 3 | tons (short) | 1 ton (short) | 907.184 74 | kg |
| 1 t | 1.102 311 | tons (short) | 1 ton (short) | 0.907 184 74 | t |
| 1 kg | 0.000 984 21 | tons (long) | 1 ton (long) | 1016.046 908 8 | kg |
| 1 t | 0.984 206 5 | tons (long) | 1 ton (long) | 1.016 046 908 8 | t |
| | | **CONCENTRATION** | | | |
| 1 g/t | 0.029 166 6 | ounce (troy)/ ton (short) | 1 ounce (troy)/ ton (short) | 34.285 714 2 | g/t |
| 1 g/t | 0.583 333 33 | pennyweights/ ton (short) | 1 pennyweight/ ton (short) | 1.714 285 7 | g/t |

**OTHER USEFUL CONVERSION FACTORS**

| | | |
|---|---|---|
| 1 ounce (troy)/ton (short) | 20.0 | pennyweights/ton (short) |
| 1 pennyweight/ton (short) | 0.05 | ounce (troy)/ton (short) |

**One gram(g) per tonne is equivalent to one part per million (1 ppm).**

**NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the *Metric Practice Guide* for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.**

# DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included ir the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

| | SOURCES OF DATA | Data | Initial |
|---|---|---|---|
| 1 | Resident Geologist's Office Files | YES | P. AUG./84 |
| 2 | Assessment Files Research Office, Toronto | YES | P. AUG./84 |
| 3 | ODM General Index; 7 volumes | YES | P. AUG./84 |
| 4 | Catalogue of Airborne Geophysical Surveys (ODM) | YES | P. AUG./84 |
| 5 | ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars | YES | P. AUG./84 |
| 6 | ODM Industrial Mineral Reports | NO | P. AUG./84 |
| 7 | Bibliography of Post Precambrian Theses - Karrow (ODM MP 1) | N.A. | P. AUG./84 |
| 8 | Bibliography of Precambrian Theses - Ginn (ODM MP 2) | YES | P. AUG./84 |
| 9 | Newspaper Clippings File | YES | P. AUG./84 |
| 10 | GSC Index to Publications | YES | P. AUG./84 |
| 11 | OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77 | YES | P. AUG./84 |
| 12 | OGS Index Maps | YES | P. AUG./84 |
| 13 | Source Mineral Deposit Records (O.G.S.) | | |
| 14 | Author - Subject Articles File | YES | P. AUG./84 |
| 15 | Miscellaneous Papers: ODM & OGS | YES | P. AUG./84 |
| 16 | ODM Geological Circulars: OGS Study Series | YES | P. AUG./84 |
| 17 | ODM Preliminary Reports: ODM Bulletins | YES | P. AUG./84 |
| 18 | ODM – OGS Open File Reports | YES | P. AUG./84 |
| 19 | OGS Northern Ontario Engineering Geology Terrain Studies | YES | P. AUG./84 |
| 20 | OGS Aggregate Resources Inventory Papers | NO | P. AUG./84 |
| 21 | OGS Mineral Potential Maps | YES | P. AUG./84 |

# METALS AND MINERALS REFERENCES LIST

- △ anh. . . . . .Anhydrite
- △ ank. . . . . .Ankerite
- △ anna . . . . . Annabergite
- △ ap. . . . . .Apatite
- △ arg . . . . . Argentite
- △ As . . . . . .Arsenic
- △ asp . . . . . .Arsenopyrite
- △ asb . . . . . .Asbestos
- △ ba. . . . . .Barite
- △ be. . . . . .Beryl
- △ Bi. . . . . .Bismuth
- △ bn . . . . . .Bornite
- △ bran . . . . . .Brannerite
- △ bruc . . . . . .Brucite
- △ Cd . . . . . Cadmium
- △ calc. . . . . .Calcite
- △ carb . . . . . .Carbonate
- △ cel . . . . . .Celestite
- △ cc. . . . . .Chalcocite
- △ cp. . . . . .Chalcopyrite
- △ ch. . . . . .Chert
- △ clay . . . . . .Clay
- △ Co . . . . . Cobalt
- △ cob. . . . . Cobaltite
- △ cb. . . . . .Columbite
- ▲ Cu . . . . . .Copper
- △ cor . . . . . Corundum
- △ dol . . . . . Dolomite
- △ ep. . . . . Epidote
- △ ery . . . . . Erythrite
- △ fel . . . . . .Feldspar
- △ fl . . . . . .Fluorite (flurospar)
- △ fu. . . . . .Fuchsite
- △ gn. . . . . .Galena
- △ gt . . . . . .Garnet
- △ goe . . . . . .Goethite
- △ Au . . . . . Gold
- △ gf . . . . . .Graphite
- △ gl . . . . . Gravel
- △ gyp. . . . . .Gypsum
- △ hem . . . . . Hematite
- △ il . . . . . .Ilmenite
- △ Fe . . . . . .Iron
- △ IF. . . . . Iron Formation
- △ jas . . . . . Jasper
- △ kaol . . . . . .Kaolinite (kaolin)
- △ ky . . . . . Kyanite
- △ Pb . . . . . Lead
- △ lim . . . . . Limonite
- △ Li. . . . . Lithium
- △ mgst . . . . . .Magnesite
- △ mag . . . . . .Magnetite
- △ mc . . . . . .Malachite
- △ Mn . . . . . Manganese
- △ mb . . . . . .Marble
- △ mar. . . . . .Marcasite
- △ ma . . . . . .Marl
- △ mi . . . . . Mica
- △ ml . . . . . .Millerite
- △ mo . . . . . .Molybdenite
- △ Mo . . . . . .Molybdenum
- △ mon . . . . . Monazite
- △ ne. . . . . Nephelite (nepheline)
- △ nc. . . . . .Niccolite
- △ Ni. . . . . Nickel
- △ Nb . . . . . .Niobium
- △ Pd . . . . . .Palladium
- △ peat . . . . . .Peat
- △ pent . . . . . .Pentlandite
- △ Pt. . . . . .Platinum
- △ py . . . . . .Pyrite
- △ pyl . . . . . Pyrochlore
- △ pyrl . . . . . .Pyrolusite
- △ po . . . . . .Pyrrhotite
- △ q . . . . . Quartz
- △ qcv . . . . .Quartz carbonate vein
- △ ra. . . . . .Radioactive minerals
- △ RE . . . . . .Rare Earths
- △ sd. . . . . Sand
- △ sgl . . . . . Sand and gravel
- △ ss . . . . . .Sandstone
- △ scap . . . . . Scapolite
- △ shee . . . . . .Scheelite
- △ serp . . . . . Serpentine
- △ sh. . . . . Shale
- △ sid . . . . . Siderite
- △ si . . . . . Silica
- △ Ag . . . . . .Silver
- △ sl . . . . . Slate
- △ sm . . . . . .Smaltite
- △ sod . . . . . Sodalite
- △ spec . . . . . Specularite
- △ sp. . . . . .Sphalerite
- △ spd . . . . . .Spodumene
- △ staur . . . . . .Staurolite
- △ stib. . . . . Stibnite
- △ st . . . . . .Stone
- △ talc. . . . . .Talc
- △ Te . . . . . .Tellurium
- △ td. . . . . Tetrahedrite
- △ th. . . . . .Thorite
- △ Th . . . . . .Thorium
- △ thuc . . . . . Thucholite
- △ ti . . . . . Titanite
- △ Ti. . . . . Titanium
- △ tour . . . . . .Tourmaline
- △ trap . . . . . Trap rock
- △ W. . . . . Tungsten
- △ uran . . . . . Uraninite
- △ U . . . . . .Uranium
- △ verm . . . . . .Vermiculite
- △ Y . . . . . Yttrium
- △ Zn . . . . . .Zinc
- △ zr. . . . . Zircon

**Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.**

## MINERAL OCCURRENCES

| Map Ref. Letter | Name(s) | Mineralization | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks |
|---|---|---|---|---|---|
| A | Connell (Glory Lake) | Cu | | MRC 12, p. 347 | |

GDIF FORM NO. 1

FOXTRAP LAKE AREA

| TYPE OF WORK | | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE THUNDER BAY | | GEOLOGICAL | GEOCHEMICAL | TRENCHING, STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATON | SELF POTENTIAL | RESISTIVITY | | | |
| COMPANY/AUTHOR (file number) | | | | | | | | | | | | | | | | | | | | |
| 1 | Caral Mining Co. Ltd. (F.N.: 63.550) | 54 | | | | | | | | | | 54 | | | | | 54 | | | |
| 2 | Connell, Mark D. | | | | 64 | | | | | | | | | | | | | | | |
| 3 | Denison Mines Ltd. (F.N.: 63.1220) | | | | | | | | | | | | 63[1] | | | | | | | |
| 4 | Head of the Lakes Iron Mines Ltd. | | | | | | | | 54 | | | | | | | | | | | |
| 5 | Noranda Exploration Co. Ltd. (F.N.: 2.4618) | 82 | 82 | | | | | | | | | | | | | | | | | |
| 6 | Lakehead Mines Ltd. (F.N.: 63A.542) | 68 | | | | | | | | | | | | | | | | | | |

GDIF FORM NO. 2

Notes:

1. Filed 42 D 16/SW.

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth | Initial Dip of Hole | Thickness of Overburden (feet) | Total Length of Hole (feet) | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Connell, Mark D. | M12 - 1 | Apr./64 | 022° | -55° | 16.0 | 272.0 | hem, calc, py, cp, mc | Au, Cu |

GOVF FORM NO. 3

# AIRBORNE GEOPHYSICAL SURVEY DATA

| No. | By / For | Type of Survey | Flight Altitude | Flight Line Direction | Flight Line Spacing |
|---|---|---|---|---|---|
| 4 | Aeromagnetic Surveys Ltd.<br>Head of the Lakes Iron Mines Ltd. | Aeromagnetic | 500 feet | North/South | 1/4 mile |

GDIF FORM NO. 4

FOXTRAP LAKE AREA

## GEOCHEMICAL SURVEY DATA

| Map Sample Site Reference Number | Type of Survey | Analysis For | By | Reference |
|---|---|---|---|---|
| 1 | Soil Geochemistry (A and B horizons) | Cu, Zn, Pb, Ag | Noranda Exploration Co. Ltd. | F.N.: 2.4618 |

GDIF FORM NO. 5

# MISCELLANEOUS DATA

## AGE DATING

| Site | Method | Material | Reference | Result |
|---|---|---|---|---|
| | | | | |

GDIF FORM NO. 6

# NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Thunder Bay

Denison Mines Limited

Noranda Exploration Company Limited

# ODM GENERAL INDEX SEARCH

**Words searched:** Connell, Mark, Foxtrap Lake, Glory Creek, Glory Lake, Head of the Lake Iron Mines, Little Pic River.

| Index Volume | Listing: | Report Volume | Part | Page |
|---|---|---|---|---|
| 1 | Little Pic River, Lake Superior | | | |
| | Bridge across, photo | 19 | 1 | 231 |
| | Copper | R.C. | | 63 |
| | Explored | 19 | 1 | 195 |
| | Iron Ore | R.C. | | 36 |
| | Exhibited | 2 | | 79 |
| | Magnetic | 2 | | 65 |
| | Rocks on or near | | | |
| | Animikie | 4 | | 238 |
| | Gneiss | 19 | 1 | 194 |
| | Granite | 19 | 1 | 198, 223 |
| | Picrite | 19 | 1 | 227 |
| | Syenite | 19 | 2 | 214, 217, 220 |
| | Silver | R.C. | | 202 |
| 2 | Little Pic River, Lake Superior | | | |
| | Magnetite, occurrence noted | I.O. | | 186 |
| 4 | Head of the Lakes Iron, Ltd. | | | |
| | Incorporated | 58 | 1 | 44 |
| 8 | Foxtrap Lake | | | |
| | Jackfish-Middleton Area, Thunder Bay District | GR 50 | | 4, 21 |
| | Glory Lake | | | |
| | Jackfish-Middleton Area, Thunder Bay District | GR 50 | | 4, 21 |
| | Little Pic River | | | |
| | Killala Lake Area, Thunder Bay District | GR 50 | | 22, 26, 36 |

# ODM GENERAL INDEX SEARCH

Words searched:

| Index Volume | Listing: | Report Volume | Part | Page |
|---|---|---|---|---|
| | | | | |

GDIF FORM NO. 8

## SELECTED REFERENCES

| Author | Date | Title | Reference | Map Scales and/or Report Pages |
|---|---|---|---|---|
| | | REGIONAL GEOLOGICAL COMPILATION MAPS | | |
| Ayres, L. D., Lumbers, S. B., Milne, V. G., Robeson, D. W. | 1971 | Ontario Geological Map, West Central Sheet. | ODMNA Map 2199 | 1 inch to 16 miles |
| Carter, M. W., McIlwaine, W. H., Wisbey, P. A. | 1973 | Nipigon-Schreiber, Thunder Bay District, Ontario, Geological Compilation Series. Related Maps 2137, P-357, P-358, P-360. | ODM Map 2232 | 1 inch to 4 miles |
| | | GEOLOGICAL MAPS AND REPORTS | | |
| Bell, R. | 1872 | Report on the Country North of Lake Superior, between the Nipigon and Michipicoten Rivers, Ontario. | GSC, Report of Progress 1870-1871, Pt. VIII | |
| Bell, R. | 1872 | Report on the Country between Lake Superior and the Albany River, Ontario. | GSC, Report of Progress 1871-1872, Pt. III | |
| Coates, M. E. | 1970 | Geology of the Killala-Vein Lakes Area, District of Thunder Bay, Ontario. Accompanied by Map 2191 and Map 2192. Related Map P-382. | ODM GR 81 | 1 inch to 1 mile |
| GSC | 1935 | Lake Nipigon Sheet, Ontario. | GSC Map 308A | 1 inch to 8 miles |
| Mason, J. K. | 1981 | Glory Lake Area, NTS 42 D 15/NE, Thunder Bay District, Ontario, Thunder Bay Data Series. | OGS Map P-2149 | |
| Parks, W. A. | 1902 | The Country East of Nipigon Lake and River. | GSC, Annual Report, Vol. XIV, Pt. A | pp. 105-109 |

GDIF FORM NO.9

## SELECTED REFERENCES

| Author | Date | Title | Reference | Map Scales and/or Report Pages |
|---|---|---|---|---|
| Sage, R. P. | 1982 | Mineralization in Diatreme Structures, North of Lake Superior, NTS 42 D/N, Ontario. | OGS Study 27 | |
| Tanton, T. L. | 1921 | Nipigon-Schreiber District, Ontario. | GSC, Summary Report 1920, Pt. D | pp. 2-7 |
| Walker, J. W. R. | 1956 | Preliminary Report on the Geology of the Jackfish-Middleton Area, NTS 42 D/N, 42 E/S, Thunder Bay District, Ontario. | ODM Geological Circular 4 (Study 4) | |
| Walker, J. W. R. | 1967 | Geology of the Jackfish-Middleton Area, District of Thunder Bay, Ontario. Accompanied by Map 2107 and Map 2112. | ODM GR 50 | 2 inches to 1 mile |
| Wilson, W. J., Collins, W. H. | 1909 | Geological Reconnaissance of a Portion of Algoma and Thunder Bay Districts, Ontario, and Report on the Region Lying North of Lake Superior between the Pic and Nipigon Rivers, Ontario. Accompanied by Map 964. | GSC Separate Report 980, 1081 | |
| | | GEOPHYSICAL MAPS AND REPORTS | | |
| ODM - GSC | 1963 | Aeromagnetic Map, Ashburton Bay (42 D 15). | GSC Map 2147G | 1 inch to 1 mile |
| ODM - GSC | 1965 | Aeromagnetic Map Schreiber (42 D). | GSC Map 7088G | 1 inch to 4 miles |
| ODM - GSC | 1970 | Albany River, Algoma, Cochrane, Kenora, Sudbury, Thunder Bay and Timiskaming Districts, Ontario. Aeromagnetic Compilation Map. | ODM Map P-578 | 1 inch to 16 miles |
| Satterly, J. | 1970 | Aeromagnetic Maps of Carbonatite-Alkalic Complexes in Ontario (revised). Compilation 1968 revised 1970. | ODMNA Map P-452 | |

## SELECTED REFERENCES

| Author | Date | Title | Reference | Map Scales and/or Report Pages |
|---|---|---|---|---|
| | | GEOCHEMICAL MAPS AND REPORTS | | |
| GSC - OGS | 1978 | Field Operations and Analytical and Statistical Data of Regional Lake Sediment and Water Geochemistry, Schreiber and Part of Longlac, NTS 42 D, 42 E, Thunder Bay District, Ontario. Accompanied by Maps P-1805 to P-1818. | OGS - OFR 5248 | |
| GSC | 1981 | National Geochemical Reconnaissance Coloured Compilation Map Series; Lake Superior, Ontario. | GSC - OFR 746 | 1:2,000,000 |
| | | MINERAL POTENTIAL MAPS | | |
| Springer, J. S. | 1978 | Ontario Mineral Potential, Schreiber Sheet, NTS 42 D, Thunder Bay District, Ontario. | OGS Map P-1520 | 1:250,000 |
| Springer, J. S., et al | 1982 | Mineral Potential Map of Ontario West Central Sheet, NTS 41/NW, 42/W, 43/SW, 52, 53/SE. | OGS - OFR 5326 | |
| | | SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING | | |
| Gartner, J. F., McQuay, D. F. | 1979 | Northern Ontario Engineering Geology Terrain Study 60, Heron Bay Area, NTS 42 D/NE, Thunder Bay, Ontario. Accompanied by Map 5093. | NOEGTS 60 | 1:100,000 |
| Surveys and mapping Branch Department of Energy, Mines and Resources | | Topographic Map, Coldwell, Thunder Bay, Ontario (42 D 15). | | 1:50,000 |
| Zoltai, S. C. | 1965 | Thunder Bay Surficial Geology, NTS 42 D, E, L, 52 A, H, I, Ontario. | ODLF Map S2-65 | 1 inch to 8 miles |

## SELECTED REFERENCES

| Author | Date | Title | Reference | Map Scales and/or Report Pages |
|---|---|---|---|---|
| Zoltai, S. C. | 1967 | Glacial Features of the North-Central Lake Superior Region, Ontario. | Canadian Journal of Earth Sciences Vol. 4, No. 2 | pp. 515-528 |

GDIF FORM NO. 9

# NOTES AND ADDENDA

GDIF FORM NO.10

86° 45'

49° 00'

River

Prairie

5

Foxtrap

Cr

Prairie R

Foxtrap

Foxtrap

Glory

Cr

Glory

Glory

Cr

Glory

Cr

Lake

86° 30'

49° 00'

River

Pic

Foxtrap

Cr

Glory

Cr

Glory

Cr

Glory

Cr

Lake

River

Martine

Cr

86° 30'

49° 00'

Little Pic River

Glory Cr

Glory Cr

Cr

River

Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

**PROPERTY LOCATION MAP**

**GEOLOGICAL DATA INVENTORY FOLIO 204**

( Map 1 of 2 )

# FOXTRAP LAKE AREA

**DISTRICT OF THUNDER BAY**

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

Foxtrap

Foxtrap

Foxtrap

Deadhorse

Creek

Deadhorse

Glory

Lake

Isleatone

Lake

2

2

Glory

48° 52' 30"

86° 45'

Glory

Lake

Deadhorse

Lake

Isleatone

2

2

Glory

Creek

Little

River

Morine Cr.

Pic

4

4

1,4

3,1,4

1,4

6,4

EX

Re
See

Sma

48° 52' 30"

86° 30'

## EXPLORATION DATA FILE AREAS

Reference number is always inside work area outlined.
See listing in text pages.

Small area of exploration.

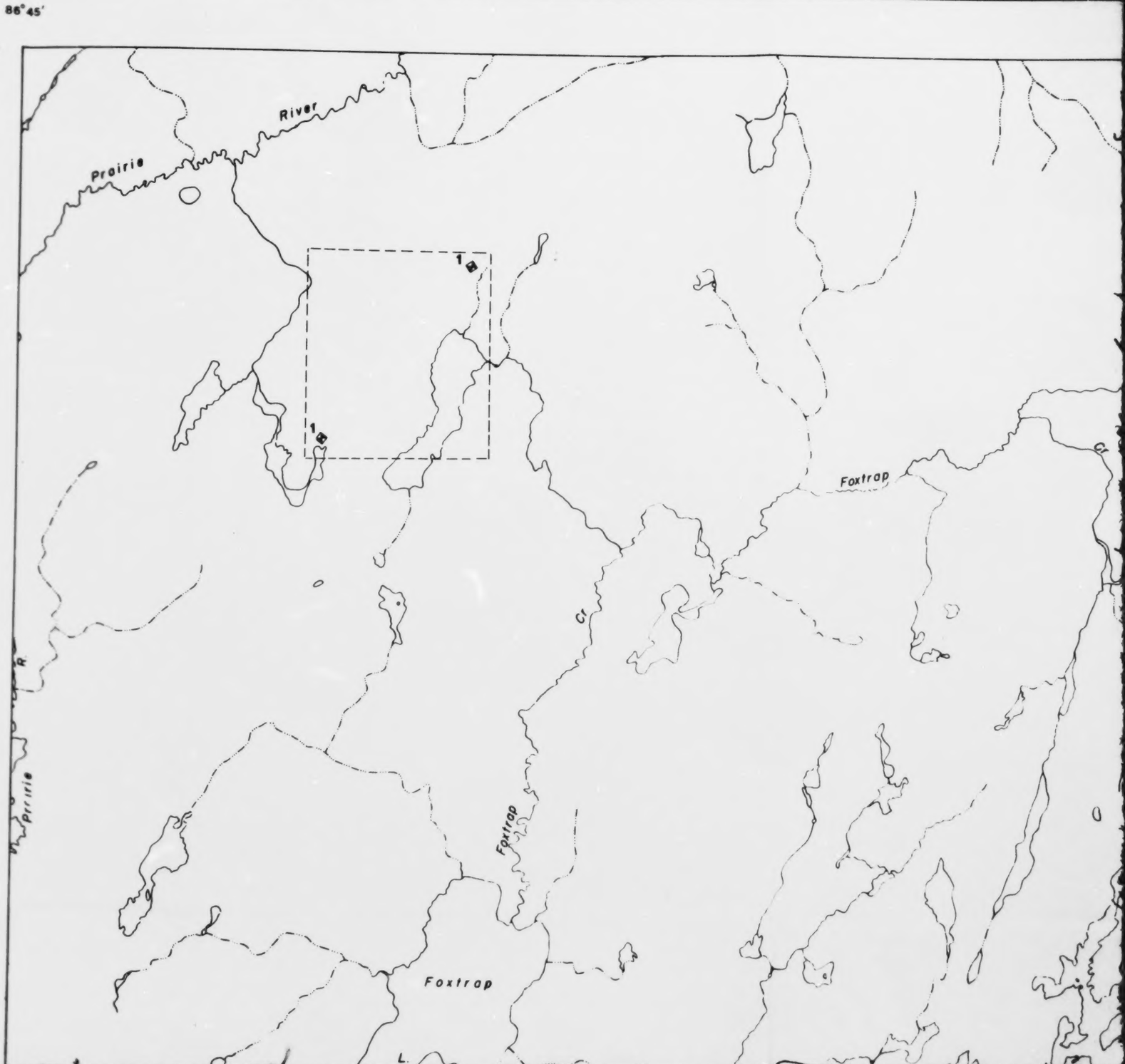
TYPES OF DATA SHOWN ON THIS MAP

## GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

## GEOPHYSICAL ANOMALIES

- Airborne Magnetometer Anomaly
- Airborne Electromagnetometer Anomaly Length of anomaly along flight line
- Airborne Electromagnetometer Anomaly. Location of anomaly along flight line
- Airborne Electromagnetometer Anomaly Conductor Axis: definite, probable, possible
- Airborne Radiometric Anomaly
- Ground Magnetometer Anomaly
- Ground Electromagnetometer Anomaly (VL - Vertical Loop; HL - Horizontal Loop; VLF - Very low freq; Turam; JEM - Crone EM - 16)
- Ground Radiometric Anomaly
- Induced Polarization Anomaly
- Self Potential Anomaly



Little

Pic

Foxtrap

Cr

Foxtrap

Cr

Foxtrap

Glory

Glory

Cr

Glory

Cr

Lake

86° 30'

49° 00'

Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

**EXPLORATION DATA MAP**

**GEOLOGICAL DATA INVENTORY FOLIO 204**

( Map **2** of **2** )

# FOXTRAP LAKE AREA

**DISTRICT OF THUNDER BAY**

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

## GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

### MINERAL OCCURRENCES

- ☒ cp A. — Mineral occurrence at surface, with reference letter
- ☐ Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- ☐ Ag ? A. — Mineral occurrence reported but exact location uncertain, with reference letter
- ☐ cp A. — Mineralized Float with reference letter

Location of anomaly along flight line

Airborne Electromagnetometer Anomaly
Conductor Axis: definite, probable, possible

ARA — Airborne Radiometric Anomaly

M — Ground Magnetometer Anomaly

VL — Ground Electromagnetometer Anomaly
(VL - Vertical Loop; HL - Horizontal Loop;
VLF - Very low freq; Turam; JEM -
Crone EM - 16)

RA — Ground Radiometric Anomaly

IP — Induced Polarization Anomaly

SP — Self Potential Anomaly

AFMAG — Audio-frequency magnetometer anomaly
(total intensity)

R — Resistivity Anomaly

GR — Gravity Anomaly

## MISCELLANEOUS DATA

Trenching, pit

Adit

Open pit

Rock quarry

Sand and/or gravel pit

**NOTE:** Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.

Foxtrap

Foxtrap

Cr.

Deadhorse

Creek

Glory

Lake

Islealone

Lake

Cu

GLORY

Cr.

Pic

River

Marine

Deadhorse

Creek

Little

AM

VL

M

## MINERAL OCCURRENCES

- ☒ cp A. — Mineral occurrence at surface, with reference letter
- ☐ Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- ☐ Ag ? A. — Mineral occurrence reported but exact location uncertain, with reference letter
- ☐ cp A. — Mineralized Float with reference letter
- ☐ ☐

## DRILL HOLES

- ☒ ●² — Location of single drill hole, with reference number
- ☐ ◉² — Location of closely spaced group of drill holes, with reference number
- ☐ (?)² — Drill hole, exact location uncertain, with reference number.
- ☐ — Property with underground drill holes in this general area, with reference number
- ☐ ○² — Property with drill holes which have not been plotted on map, with reference number
- ☐ ⊕² — Reverse Circulation Drill Hole; Churn drilling, with reference number
- ☐ ☐

48° 52' 30"

86° 30'